The Urban District Council of

ABERDARE

Annual Report

of the

MEDICAL OFFICER OF HEALTH

for the year

1966

By

J. Llewellyn Williams

M.R.C.S., L.R.C.P., D.P.H. (Lond.)

MINISTRY OF HEALTH LIBRARY

The Urban District Council of

ABERDARE

Annual Report

of the

MEDICAL OFFICER OF HEALTH

for the year

1966

By

J. Llewellyn Williams

M.R.C.S., L.R.C.P., D.P.H. (Lond.)

Stephens and George Ltd., 19, Cardiff Street, Aberdare

INDEX

	Page
Health Committee. Public Health Officers	3
General Statistics. Vital Statistics. Deaths	5
Infant Mortality and Peri Natal Mortality. Still Births.	6, 7, 8
Causes of Death	9
Deaths from Cancer. Live Births, Illegitimate Births	10
Notifiable Diseases	11
Annual Report of Food Poisoning Notification (Corrected)	12
Public Health Act, 1936. Tuberculosis. Sewage	12, 13
Water Supply	14
Swimming Baths and Paddling Pool	15
Bacteriological and Chemical Analysis (Water Supply)	16
Water Supply. River Pollution. Atmospheric Pollution	17, 18
Measurement of Atmospheric Pollution	19
Cinemas. Licensed Premises—Hygiene. Public Cleansing	20
Unsound Food. Condemned Food. Bacteriological and Chemical Examinations. Food and Drugs Act, 1955 Milk Regulations	21
Ice Cream Food and Drugs Act, Section 16. Food Hygiene	22, 23
Rodent Control, Sewer Treatment	24
Central Council for Health Education. Medical Examination of Council Employees	25
National Assistance Act	25
General Health and Welfare Services of the District	26, 27
Housing Statistics	28
Local Authority Dwelling-Houses	28
Allocation of Council Houses	29
Housing Repairs	30
Rent Act 1957. Moveable Dwellings	31, 32
Summary of Work done by the Public Health Inspectors	33, 34
Administration of Factories Act 1961	34

HEALTH COMMITTEE

Date of Meetings: Third Tuesday in each Month at 7 p.m.

Chairman

Councillor: E. D. JENKINS

Councillor I. W. EVANS	Councillor W. H. LEWIS
D. W. GRIFFITHS	D. K. WILLIAMS
D. J. G. HILL, B.A.	T. C. PHILLIPS
W. S. JONES	Mrs. S. MORGAN
T. WILLIAMS	Mrs. L. G. LYNCH
F. WINNIATT, B.E.M.	T. JONES

Ex-Officio Members

Councillor: J. H. AMOS, J.P.

Councillor: J. M. POWELL

PUBLIC HEALTH OFFICERS 1966

Medical Officer of Health . . . J. LLEWELLYN WILLIAMS, M.R.C.S., L.R.C.P., D.P.H., (LOND.

Senior Public Health Inspectors . . . . . TREVOR WALTERS, A.R.S.H., F.A.P.H.I.

Public Health Inspectors . . . . JOHN F. JONES, C.R.S.H., M.A.P.H.I. (From 26-11-1966)
EVAN P. EVANS, M.R.S.H., M.A.P.H.I.
BERNARD C. TAYLOR, C.R.S.H., M.A.P.H.I.
MANSEL HUGHES, C.R.S.H., M.A.P.H.I.
MICHAEL J. KEDWARD M.R.S.H., M.A.P.H.I., (From 1-9-66)

Pupil Public Health Inspectors . . . . . MICHAEL J. KEDWARD (To 31-8-1966)
GARETH T. EVANS

Housing Assistant . . . . . D. NORMAN REYNOLDS, D.M.A.

Welfare Assistant . . . . . JAMES CONNELLY

Clerical Staff

Chief Clerk . . . . . DAVID E. DAVIES

Second Clerk . . . . . EMRYS S. EVANS

Clerk/Typist . . . . . Miss MYRA JONES

Shorthand Typist . . . . . Miss JUDITH DAVIES

PUBLIC HEALTH DEPARTMENT,
ROCK GROUNDS,
ABERDARE

5th September, 1967

Tel. No.: Aberdare 2441

To the Chairman and Members of the
Urban District Council of Aberdare

Ladies and Gentlemen,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary Conditions of the district, and of the work carried out by your Officers of the Public Health Department, together with the vital and other statistics for the year 1966 This Report has been prepared on the lines laid down in Circular 1/67 (Wales) of the Welsh Board of Health.

I would like to express to the Council my appreciation of the interest shown by the Members in matters affecting Public Health. I wish, also, to express my sincere thanks for the help I have received from Mr. D. G. James, the Clerk of the Council and the Council's Chief Officers, the Senior Public Health Inspector, Mr. Trevor Walters, the Public Health Inspectors, to Mr. D. N. Reynolds, Housing Assistant and Mr. David E. Davies, Chief Clerk and the Clerical Staff for their loyal support and assistance to me during the year under review.

Yours sincerely,

J. LLEWELLYN WILLIAMS,
Medical Officer of Health

M.O.H. Private Address Tel. No.: Aberdare 2980

GENERAL STATISTICS

Area of District (in acres)	15,183
Census Population (1961)	39,155
Registrar's Estimated population	38,700
Number of inhabited houses (31st December, 1966)	13,788
Rateable Value (New Valuation List at 1st April, 1966)	£826,704
Sum represented by a penny rate	£3,190

VITAL STATISTICS

Live Births		606
Live birth rate per 1,000 population	crude	15.66
	adjusted	17.07
Illegitimate live births per cent. of total live births		4.95
Stillbirths		15
Rate per 1,000 total live and stillbirths		24.15
Total live and still births		621
Infant deaths (Deaths under 1 year)		15
Infant Mortality rate per 1,000 live births—Total		24.75
Infant Mortality rate per 1,000 live birth—legitimate		24.30
Infant Mortality rate per 1,000 live births—illegitimate		33.33
Neo Natal mortality rate per 1,000 live births		18.15
Early neo natal mortality rate		18.15
Perinatal mortality rate		41.87
Maternal mortality (including abortion)		—
Maternal mortality rate per 1,000 live and stillbirths		—

DEATHS

Deaths that actually occurred in this district		427
Local residents who died outside the area		185
		612
Residents of other districts who died in the Aberdare Area		30
Corrected number of deaths		582

582 deaths occurred among local residents giving a death rate of 15.04 per 1,000

Death rate for 1965	crude	15.04
	adjusted	15.34
Death rate for England and Wales for 1966 per 1,000 (adjusted)		15.50
For Glamorgan (Administrative County)		11.70
For Urban Districts	crude	12.30
	adjusted	13.90
For Rural Districts	crude	12.61
	adjusted	14.38
	crude	11.64
	adjusted	12.57

INFANT MORTALITY AND PERI-NATAL MORTALITY 1966

Source	Infant Mortality		Peri Natal Mortality	
	Deaths under one Year	Rate per 1,000 live births	Stillbirths & Deaths under one week	Rate per 1,000 live & Stillbirths
England and Wales	16,147	19.00	22,747	26.30
Glamorgan County	271	21.17	396	30.38
Urban Districts	192	22.10	282	31.86
Rural Districts..	79	19.19	114	27.25
ABERDARE	15	24.75	26	41.87
Some Larger Glamorgan Districts				
Barry	12	17.09	18	25.28
Bridgend	3	12.99	7	29.79
Caerphilly	25	30.71	34	41.06
Maesteg	5	14.16	10	27.70
Mountain Ash	15	29.47	18	34.62
Neath Borough	6	13.33	11	24.07
Neath Rural	15	23.89	28	43.55
Pontypridd	11	19.82	16	28.32
Port Talbot	14	17.68	24	29.70
Rhondda Borough	36	24.91	51	34.51

STILL BIRTHS

The number of still births registered was 15 of which 7 were male and 8 female the still birth rate per 1,000 registered live and still births being 24. 15.

INFANT MORTALITY RATE SINCE 1916
(Number of Deaths under 1 year) per 1,000 total live births

Year	England and Wales	Aberdare	Year	England and Wales	Aberdare
1916	91	102	1942	49	66
1917	96	91	1943	49	66
1918	97	123	1944	46	36
1919	89	89	1945	46	46
1920	80	98	1946	43	46
1921	83	104	1947	41	62
1922	77	110	1948	34	41
1923	69	77	1949	32	51
1924	75	84	1950	29.8	33.85
1925	75	95	1951	29.6	54.28
1926	70	88	1952	27.6	36.78
1927	69	71	1953	26.8	30.80
1928	65	91	1954	25.5	26.79
1929	74	98	1955	24.9	32.67
1930	60	68	1956	23.8	28.42
1931	66	86	1957	23.0	37.64
1932	65	57	1958	22.5	28.30
1933	64	78	1959	22.0	27.08
1934	59	79	1960	21.7	40.40
1935	57	67	1961	21.4	20.10
1936	59	68	1962	21.4	36.36
1937	58	73	1963	20.9	31.40
1938	53	51	1964	20.0	27.64
1939	50	50	1965	19.0	28.65
1940	55	80	1966	19.0	24.75
1941	59	61			

Neo Natal Mortality rate since 1950 (Number of Deaths under 4 weeks) per 1,000 live births			Peri-natal Mortality rate since 1960 (Still births and deaths under 1 week) per 1,000 combined total live and still births		
Year	England and Wales	Aberdare	Year	England and Wales	Aberdare
1950		20.07	1960	32.90	44.41
1951	18.8	17.83	1961	32.00	34.48
1952	18.9	22.77	1962	30.80	38.77
1953	17.7	25.36	1963	29.30	29.46
1954	17.7	21.43	1964	28.20	30.45
1955	17.3	25.41	1965	26.90	31.25
1956		23.09	1966	26.30	41.87
1957	16.5	29.46			
1958		23.05			
1959		19.86			
1960	15.6	30.30			
1961		15.08			
1962		23.14			
1963		21.49			
1964		16.26			
1965		19.61			
1966		18.15			

TABLE OF INFANTILE MORTALITY DURING THE YEAR 1966

Causes of Death	Under 1 day		1 - 7 days		1 - 2 weeks		2 - 3 weeks		3 - 4 weeks		over 4 weeks & under 3 months		3 - 6 months		6 - 9 months		9 - 12 months		Totals	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Convulsions ..	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	..
Purulent Otites Media ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Anencephaly ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Spina Bifida ..	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Prematurity ..	2	3	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	5
Bronchiolitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Congenital Heart..	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
Subarachnoed Haemorrhage ..	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Cerebral Haemorthage ..	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
	4	4	1	2	—	—	—	—	—	—	1	1	1	1	—	—	—	—	7	8

CAUSES OF DEATH

	Male	Female	Total
ALL CAUSES	327	255	582
Tuberculosis: Respiratory	2	—	2
Other Forms	—	—	—
Syphilitic Disease	—	—	—
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal infections	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other infective and parasitic diseases	—	—	—
Malignant neoplasm: stomach	11	8	19
lung-bronchus	13	2	15
breast	—	8	8
uterus	—	4	4
Other malignant and lymphatic neoplasms	16	17	33
Leukaemia-aleukaemia	—	—	—
Diabetes	4	4	8
Vascular lesions of nervous system	35	48	83
Coronary disease—angina	71	37	108
Hypertension with heart disease	11	6	17
Other heart diseases	50	48	98
Other circulatory diseases	12	15	27
Influenza	1	1	2
Pneumonia	6	8	14
Bronchitis	31	8	39
Other diseases of repiratory system	17	1	18
Ulcer of stomach and duodenum	1	—	1
Gastritis, enteritis and diarrhoea	1	—	1
Nephritis and nephrosis	1	2	3
Hyperplasia of prostrate	2	—	2
Pregnancy, childbirth and abortion	—	—	—
Congenital malformations	3	2	5
Other defined and ill-defined diseases	23	24	47
Motor Vehicle accidents	4	3	7
All other accidents	10	8	18
Suicide	2	1	3
Homicide and operations of war	—	—	—

The following table shows the number of deaths from cancer in the area during the past five years.

	1962			1963			1964			1965			1966		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Stomach ..	13	10	23	13	12	25	12	5	17	10	8	18	11	8	19
Lung Bronchus ..	8	2	10	12	1	13	16	1	17	18	1	19	13	2	15
Breast ..	—	7	7	—	3	3	—	5	5	—	9	9	—	8	8
Uterus ..	—	5	5	—	7	7	—	2	2	—	4	4	—	4	4
Other ..	20	16	36	15	17	32	25	24	49	18	26	44	16	17	33
Totals ..	41	40	81	40	40	80	53	37	90	46	48	94	40	39	79

LIVE BIRTHS

	Male	Female	Total
Legitimate	298	278	576
Illegitimate	15	15	30
	313	293	606

Birth rate per 1,000 population being (crude)	15.66
Birth rater per 1,000 population being (adjusted)	17.07
1965 birth rate per 1,000 population was	17.04
The birth rate for England and Wales was being (crude)	—
The birth rate for England and Wales being (adjusted)	17.70
The birth rate for Glamorgan (administrative County) (crude)	16.76
The birth rate for Glamorgan (administrative County) (adjusted)	17.10
The birth rate for Urban Districts being (crude)	16.51
The birth rate for Urban Districts being (adjusted)	17.01
The birth rate for Rural Districts being (crude)	17.30
The birth rate for Rural Districts being (adjusted)	17.47

Illegitimate Births

The number of illegitimate births registered was 30, of which 15 were boys and 15 girls. Two deaths occurred amongst these children.

NOTIFIABLE DISEASES

During the year the following notifications were received:—

DISEASE	MALE	FEMALE	TOTAL
Scarlet Fever	1	1	2
Whooping Cough	1	—	1
Measles	87	101	188
Pneumonia	9	2	11
Meningococcal Infection	1	—	1
Dysentery (Sonne)	—	1	1
Puerperal Pyrexia	—	2	2
Food Poisoning	2	2	4

The following table shows the incidence of notification of confirmed infectious diseases during the past seven years:—

DISEASE	1960	1961	1962	1963	1964	1965	1966
Diphtheria..	—	—	—	—	—	—	—
Scarlet Fever	7	29	7	11	10	14	2
Whooping Cough	—	17	2	1	4	—	1
Measles	—	514	12	112	167	39	188
Paratyphoid	—	—	2	—	—	—	—
Dysentery (Sonne)	22	33	13	3	6	8	1
Food Poisoning	6	28	—	—	—	2	4
Meningococcal Infection ..	—	—	—	—	—	—	1
Erysipelas	4	1	—	1	1	1	—
Puerperal Pyrexia	11	8	8	7	6	2	2
Ophthalmia Neonatorum ..	—	—	—	1	—	—	—
Pneumonia	18	28	12	18	20	9	11
Poliomyelitis-Paralytic	—	—	—	—	1	—	—
Anthrax	—	1	—	—	—	—	—
Acute Encephalitis	—	—	—	—	—	1	—

ANNUAL REPORT OF FOOD POISONING NOTIFICATION
(corrected)

Food Poisoning Notifications (corrected) returned to Registrar General ..	4
Cases otherwise ascertained	NIL
OUTBREAKS	
Total Outbreaks	NIL
SINGLE CASES	
Total Number of known cases	4

TUBERCULOSIS
Public Health Act, 1936, Section 172

The number of new cases notified in 1966 was:—

Tuberculosis	Pulmonary	13
	Meningitis	—
	Other Forms	—
Total notified during the year		13
Cases of Tuberculosis admitted to Sanatoria in 1966 ..		7
Cases of Tuberculosis discharged from Sanatoria in 1966		5

The following tables give the age and sex distribution of persons notified as suffering from Tuberculosis and of those who died from the disease:—

Age Periods	New Cases Notified						Deaths					
	Respiratory		Meningitis		Other forms		Respiratory		Meningitis		Other forms	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0 to 5 ..	—	—	—	—	—	—	—	—	—	—	—	—
5 to 14 ..	1	—	—	—	—	—	—	—	—	—	—	—
15 to 24 ..	1	—	—	—	—	—	—	—	—	—	—	—
25 to 44 ..	3	1	—	—	—	—	—	—	—	—	—	—
45 to 64 ..	6	—	—	—	—	—	1	—	—	—	—	—
65 & over	1	—	—	—	—	—	1	—	—	—	—	—
Age unk'n	—	—	—	—	—	—	—	—	—	—	—	—
Totals ..	12	1	—	—	—	—	2	—	—	—	—	—

The following table shows the incidence of Tuberculosis in the district for the past 20 years.

Year	Cases Notified		Deaths Notified	
	Respiratory	Other Forms	Respiratory	Other Forms
1947	62	8	23	4
1948	57	9	17	1
1949	50	12	24	4
1950	51	12	22	2
1951	51	17	27	5
1952	44	2	11	1
1953	104	8	13	1
1954	74	10	9	5
1955	49	12	8	1
1956	25	5	6	1
1957	31	4	3	—
1958	28	4	9	—
1959	21	1	5	—
1960	17	7	5	—
1961	28	5	2	1
1962	28	3	6	1
1963	26	1	8	—
1964	18	2	3	1
1965	13	2	2	1
1966	13	—	2	—

SEWAGE DISPOSAL

The Survey of the sewage system in the Cynon Valley was persued during the year with a view to an early report to the Aberdare and Mountain Ash Authorities. This survey is in conjunction with the survey relating to the proposed New Sewage Disposal Works at Abercynon, on which the Consultants by the end of the year, were engaged on the design stage.

In addition, further progress was made on the trade effluent survey, with discussions taking place between the Council's Consultants, Local Industrialists, and the River Authority, on standards to be set for the discharge of effluents into the Council's sewers and into the river from the Disposal Works.

Progress has, therefore, been made towards the completion of a scheme which will remedy the defects that have arisen in an " Old " and no longer efficient sewage system.

WATER SUPPLY

The Council's Water Undertaking was transferred to the Taf Fechan Water Board on the 1st April 1966. As it was not possible for the Board to assume all the functions on that date, the Council acted, at the request of the Board, as agents for the period, 1st April to the 30th September.

The Board assumed full authority on the 1st October, 1966.

The Council's scheme to improve the Water Supply generally, within the district, continued during the year.

The Llwydcoed Service Reservoir, constructed to improve the water pressure in certain areas of Llwydcoed and Abernant came into service in November, 1965, but was not actually completed until the early part of this year.

The construction of a similar service reservoir at Blaengwawr is under way, but will not be completed until 1967.

The major modernisation scheme at the Bwllfa/Graig Supply treatment plant is now well advanced and it is hoped that it will be completed early next year.

RIVER POLLUTION

The state of the River Cynon, within the area, has been maintained in a reasonably satisfactory condition. Various works were carried out by the Glamorgan River Authority, to the river to improve the flow of water and lessen the risk of flooding. A secure and permanent improvement must still await the implementation of the Consultants recommendations arising from the current sewer and trade effluent surveys.

WATER SUPPLY

The water supply of the Urban Area is derived from seven sources, six of which lie within the Urban Area. The seventh is derived from the Taf Fechan Water Board.

Reservoir	Capacity in Gallons	Area Supplied
NANTHIR (*Situated on the mountainside above Llwydcoed*)	40,000,000	Llwydcoed, Ysguborwen Graig Place, Abernant Maesyffynon, Godreaman (West of Jubilee Road) Forge View area, North View Terrace, Cwmbach (part).
NANTMOEL. (*Situated on the mountainside above Llwydcoed*)	67,000,000	Hoovers, Cables, Trecynon Trefelin to Park Schools Robertstown, part of Aberaman to Abercwmboi.
BWLLFA (Graig Storage Ponds) (*Situated in the Bwllfa Cwmdare Village*)	7,000,000	Foundrytown, Daviestown Town Centre, Maesydre, Gadlys (to Park Grove), Plasdraw Area. Sunnybank Street.
NANTAMANFACH. (*Situated in the hollow of the Hafod Wen mountain Cwmaman*)	60,000	Part of Aberaman, part of Godreaman, Incline Row.
PWLLFA. (*Situated at Ffyrnant in in the hollow of the Ffaldau and Coedcae Mountains, Cwmaman. Catchment area reinforced by pumping from impounded flow from the old Bedwlwyn Level*).	160,000	Woodland Terrace to Glynhafod Street.
TAF FECHAN WATER BOARD		
Upper Neuadd	340,000,000	Croesbychan, Hirwaun Penywaun, Hirwaun Road, Cwmdare, Trecynon (Cemetery Lodge to Park Lane). Llewellyn Street.
Lower Neuadd	74,000,000	
Taf Fechan	3,400,000,000	

WATER SUPPLIES

Bacteriological and chemical analyses were made on all sources of water supply. A table showing the results of bacteriological and chemical tests on the filtered supplies is given below:—

Source of Supply	Results of Bacteriological Tests				Results of Chemical Tests			
	No. of Samples	Satis-factory	Unsatis-factory	% Satis-factory	No. of Samples	Satis-factory	Unsatis-factory	% Satis-factory
Nanthir Reservoir								
Raw	33	—	—		33	—	—	
Filtered	39	35	4	89%	39	38	1	97%
Nantmoel Reservoir								
Raw	18	—	—		18	—	—	
Filtered	35	35	—	100%	35	26	9	74%
Graig Storage Ponds								
Raw	18	—	—		18	—	—	
Filtered	30	18	12	60%	30	24	6	80%
Pwllfa & Nantamanfach Reservoirs								
Raw	18	—	—		18	—	—	
Filtered	29	23	6	79%	29	21	8	72%
Neuadd Reservoir								
Filtered	26	24	2	83%	26	21	5	73%
Other Samples								
Un-filtered	3	3	—	100%	3	3	—	100%

Number of dwelling houses 13,788

Number of population supplied from public water mains:
direct to houses 38,700

From April, only the points of distribution were sampled at weekly intervals, The Taff Fechan Water Board were supplied with copies of the Analyst's Reports.

SWIMMING BATHS AND PADDLING POOL

There are three swimming baths and one paddling pool situated in the district administered by the Engineer and Surveyor's Department of the Council, viz.:—

Swimming Bath and paddling pool at Aberdare Public Park
Swimming Bath at Rock Grounds, Aberdare and
Swimming Bath at Michael's Field, Recreation Ground, Aberaman

Baths	Source for filling	Method of Treatment (at the Baths)	Sterilization	Frequency of Water Turnover in Baths
Aberaman	Nantmoel supply Treated	Sulphate of Alumina & Soda	Sodium hypochlorinator	10 hourly changeover
Rock	Bwllfa/Graig Supply Treated	Suplhate of Alumina & Soda	Chlorine Gas	10 hourly changeover
Park	Bwllfa/Graig Supply Treated	Sulphate of Alumina & Soda	Sodium hypochlorinator	10 hourly changeover

Source of Supply	Results of Bacteriological Tests				Results of Chemical Tests			
	No. of samples	Satis-factory	Unsatis-factory	% Satis-factory	No. of samples	Satis-factory	Unsatis-factory	% Satis-factory
Rock Baths								
Shallow End	11	10	1	90%	11	2	9	18%
Deep End	11	11	—	100%	11	2	9	18%
Park Baths								
Shallow End	10	10	—	100%	10	1	9	90%
Deep End	10	9	1	90%	10	1	9	90%
Park Paddling Pool								
Cascade	11	10	1	90%	11	—	11	——
Centre	11	10	1	90%	11	—	11	——
Aberaman Baths								
Shallow End	2	2	—	100%	2	1	1	50%
Deep End	2	2	—	100%	2	1	1	50%

ATMOSPHERIC POLLUTION

In September 1965 planning permission was given by the Council for the construction of a new battery at the Phurnacite Plant, subject to the following conditions:

1. "The total number of operational batteries at the Phurnacite Plant shall not be increased by the construction of the battery which shall be constructed by way of replacement of an existing battery"; and
2. "The detailed design for the new battery shall incorporate all such practicable constructional features as will be likely to reduce the incidence of atmospheric pollution from the Plant."

In August 1966 a meeting took place at the Phurnacite Plant to discuss the continuing difficulties of atmospheric pollution. At the meeting were representatives of the Mountain Ash and Aberdare Urban District Councils, the National Coal Board and the Divisional Alkali Inspector.

The Officers of the Board commented on the present situation at the Plant, on certain interuptions of production, which had given rise to adverse pollution consequences, and upon industrial difficulties that had led to delay in the erection programme of the "after burners" which had proved successful on an experimental basis in markedly reducing the fumes emitted from the venturi tubes when the ovens were discharged. The Board's Officers gave an assurance that everything possible would be done to speed up the programme of erection of the after burners so that the benefits to be derived from the completion of this work on the whole of the 25 venturi tubes at the Plant could be both seen and enjoyed at the earliest possible date.

The Divisional Alkali Inspector commented on his recent discussions with the Project Engineer responsible for the design work for the new battery proposed to be erected at the Plant, which he felt was bound to produce beneficial results so far as the operation of the new battery itself was concerned, and, to the extent that any innovations might be capable of application to the existing batteries, might also produce some amelioration of the conditions arising from the latter.

Finally, it was decided that further meetings should take place, to review, from time to time, progress at the Plant.

Comparative Statistical Information

Included once more in this Report are, the tables shewing the results of the analyses made, during the year, of the deposits at the atmospheric pollution measuring stations set up in various points in the Aberdare and Mountain Ash Urban Districts. As in previous years, these results continued to be submitted to the Department of Scientific and Industrial Research and National Coal Board, as well as being reported, periodically, to the two Councils concerned.

As a rough and by no means scientific guide, an approximation of the standards of pollution to be expected in the varying atmospheric conditions to be found in the country, a clean town and a "black" area of dense population and heavy industrial development, is given below.

Finally the warning is reiterated as to the dangers arising from efforts to produce, from these figures, scientific conclusions rather than, as is the intention, material of general interest value.

	Classification	Total Solids
A.	Clean	..less than 12.5 tons per square mile
B.	Fairly clean	..12.5 to 37.5 tons per square mile
C.	Dirty	..37.5 to 62.5 tons per square mile
D.	Very dirty	..In excess of 62.5 tons per square mile

COMPARATIVE STATISTICAL INFORMATION
MEASUREMENT OF ATMOSPHERIC POLLUTION

Below is a table of the results of analyses of samples of deposited matter collected from sites in the Aberdare and Mountain Ash areas. The figures denote estimated solids in tons per square mile.

Collecting Point	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Aberdare & Dist. Co-op (Central)	14.19	20.74	13.76	13.62	13.11	15.10	11.08	11.75	9.56	10.23	20.17	14.74
Aman School, Cwmaman	10.14	16.41	9.83	12.57	9.86	41.80	12.18	8.56	14.63	10.37	27.15	13.49
Abercwmboi School ..	16.02	24.30	10.95	15.71	14.63	17.91	7.40	15.07	24.26	23.18	20.65	15.14
Duffryn Row, Cwmbach	13.99	27.37	17.95	18.72	21.11	21.34	20.18	28.20	18.66	18.29	50.31	20.75
Hibernian Club, Mountain Ash ..	5.61	21.32	30.03	24.70	30.58	13.43	15.95	32.81	28.39	28.35	—	37.67
Compound, Glenboi Mountain Ash	—	—	—	—	—	—	—	—	—	—	—	—
Workmen's Hall .. .. Ynysybwl	15.03	16.99	21.78	11.25	16.05	17.92	8.26	11.27	16.54	13.02	—	15.74
Middle Duffryn Site ..	43.19	139.57	114.40	71.78	158.34	246.20	38.70	130.21	148.63	78.70	148.17	134.10

CINEMAS

The close liaison that has always existed between the Shops Inspector and the Public Health Inspectors continues and ensures effective and efficient supervision upon all matters within their jurisdiction.

The sanitary arrangements of all the cinemas are adequate and satisfactory and the management are at all times helpful and co-operative in order to ensure good maintenance.

Certificates of fitness submitted by the licencees with regard to First Aid, Fire Fighting, etc. and electrical installations were approved by the Health Committee during the year.

The Clerk of the Council administers this service. The close co-operation between the Fire Prevention Officer of the Glamorgan Fire Service and your own Officers, the Shops and Public Health Inspectors, ensures adequate control of cinemas within the area.

LICENSED PREMISES HYGIENE

Periodic inspections of licensed premises are carried out by the Public Health Inspectors to ensure the maintenance of good hygiene practices.

All such premises are provided with the necessary facilities and inspections are made to see that they are kept and maintained in good working order and a watchful eye kept that these facilities are used.

The trend continues for the raising of the general standards of licensed premises and the advent of 'formica' and other easily cleaned surfaces has greatly facilitated good hygiene practice.

A close liaison continues between the Licensing Justices, the Superintendent of Police and the Public Health Department for the effective hygienic control of licensed premises in the district.

One licensed premises within the town centre closed, but no new premises opened during the year.

PUBLIC CLEANSING

The Council's Engineer and Surveyor's Department is responsible for the scavenging and road cleansing service. Road gullies are emptied by a mechanical emptier, gutters on main roads are swept by a mechanical sweeper and all refuse collected by modern rear loaded propelled vehicles. The official tipping site in the area, situated at

YNYSCYNON SITE, ABERAMAN

is worked on the controlled tipping principle and is clean, well maintained and very satisfactory. This is a long termed project designed to elevate land adjacent to the river Cynon which has been frequently flooded and so reclaim it for practical use

The indiscriminate dumping of refuse still remains a real and difficult problem in spite of efforts of the District Public Health Inspector, and the implementation of the Council's scheme for the distribution of refuse bins to householders throughout the area which proceeded throughout the year but has not yet been completed.

In a further effort to stop this dumping of refuse the Engineer and Surveyor's Department now collect, when notified, all unwanted mattresses etc., but whether this will prove a complete success remains to be seen. A large number of old mattresses have been collected by this service, which presumably would otherwise have been disposed of in various parts of the district.

The public sanitary conveniences were maintained in a fairly good condition in spite of the damage resulting from the severe frosts and some instances of wilful damage in outlying districts.

UNSOUND FOOD

Miscellaneous articles of food of the above description condemned as unfit for human consumption amounted to 2 tons, 16 cwts. and 10 lbs.

Condemned foodstuff which could not be returned to suppliers or used for processing purposes was disposed of with proper care in the local authority's refuse tip. The tip is under regular inspection by the Public Health Inspectors.

BACTERIOLOGICAL AND CHEMICAL EXAMINATIONS

I must again express my gratitude to Dr. L. E. Coles, Public Analyst, and to Dr. R. W. S. Harvey of the Public Health Laboratory for the advice and assistance I have had from them in connection with the wide variety of chemical and bacteriological analyses and investigations which they have carried out on behalf of the Local Authority.

During the year 33 specimens were sent by the Public Health Department, and local general practitioners. These included throat and nose swabs, faeces, etc.

FOOD AND DRUGS ACT, 1955

The Council is the Food and Drugs Authority for the District and during the year the number of samples taken and submitted to the Public Analyst, approximated to one sample per 187 members of the population.

The number of samples taken during the year for qualitative analysis was 206 comprising 61 milks, 145 other foods, 9 of which were found to be unsatisfactory.

Miscellaneous examinations carried out as a result of complaints by private purchasers—4.

MILK (Special Designation) REGULATIONS, 1963

Number of Sterilizing Plants licensed	1
Number of Pasteurising Plants licensed	1
Number of Dealers' authorised to use the Special Designation "Pasteurised."	28
Number of Dealers' authorised to use the Special Designation "Sterilized." ..	19
Number of Dealers' authorised to use the Special Designation "Untreated." ..	3

REPORT ON BACTERIOLOGICAL EXAMINATION OF MILK

Forty-nine samples of pasteurised milk were taken for bacteriological examination during the year, and all were found to be satisfactory.

EXAMINATION OF MILK FOR TUBERCLE BACILLI

A total of Four samples of Untreated Milk were taken for examination for Tubercle Bacilli and were all found to be satisfactory.

MILK AND DAIRIES REGULATIONS, 1949

Number of Dairies registered previously ..	13
Number of Dairies registered during 1966 ..	1
	14
Number of Dairies closed during 1966 ..	—
TOTAL ..	14

ICE CREAM

All the shops and premises where ice cream is sold and prepared for sale were inspected by the Public Health Inspectors during the year. Vehicles used for the sale of ice cream were also inspected and kept under observation.

The Ice Cream (Heat Treatment) Regulations prescribe the method by which ice cream is manufactured and the occupiers of all registered premises within the district are aware of the requirements of these regulations, and I am pleased to report that any suggestions made have readily been complied with.

During the year, it has been noticed that there appears to be a tendancy towards the increased sale of pre-packed ice-cream in the area.

During the year no new applications were received for the registration of premises for the purpose of the sale of ice cream.

Four samples of ice cream were taken during the year for qualitative examination.

FOOD AND DRUGS ACT—SECTION 16

Number of premises registered for manufacture of ice cream	3
Number of premises registered for manufacture of ice cream during 1966. ..	–
	3
Number of premises or vehicles registered for the sale of ice cream prior to 1966.	197
Number registered during 1966	–
	197

FOOD HYGIENE (General) REGULATIONS 1960

The Public Health Inspectors continued in their work of education in Food Hygiene, together with the inspection and supervision of premises involved in the handling, preparing and the storage of food.

During the year the Public Health Inspectors continued to give advice to food trade employers and employees.

Summary of Food Premises in the Area	Number	No. of Premises Fitted to Comply with Regulation 16 (W.H. Basins)	No. of Premises to which Regulation 19 applies (Sinks)	No. of Premises Fitted with W.H. Basins and Sinks
Grocers	84	84	71	71
General Provision ..	92	79	64	64
Greengrocers	30	30	—	—
Cake and Confectioners Public Restaurants	67	67	30	30
Butchers	46	46	46	46
Total ..	319	306	211	—

TYPE OF SHOP—

Lock-up Shops	148
Parlour Shops	57
Other Shops	114
TOTAL	319
New shops opened during the year ..	2
Shops closed during the year	2
Number of inspections of food premises carried out during 1966.	920

As in previous years, I have to report that the general standard both of the layout a nd maintenance of the shops within the area is on the whole satisfactory.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

During the year, work on the destruction of rats and mice was continued and two operators were employed full time by the Council.

The operators also carried out maintenance treatments of the sewers in the area during the year.

Particulars of other treatments carried out during the year will be found below:

		Type of Property	
		Non-Agricultural	Agricultural
1.	Number of Properties in district	14,467	44
2.	(*a*) Total number of properties (including nearby premises) inspected following notification.	592	—
	(*b*) Number infested by (1) Rats ..	500	—
	(2) Mice ..	92	—
3.	(*a*) Total number of properties inspected for rats and for mice for reasons other than notification.	1,244	44
	(*b*) Number infested by (1) Rats ..	13	—
	(2) Mice ..	2	—

Sewer Treatments

Two treatments of the sewers in the area were carried out during 1966 and consisted of baiting the manholes twice at weekly intervals using a bait made as follows—

85% Pin head Oatmeal
5% Sugar
0.5% Para-nitro-phenol
5% Mineral Oil
5% Warfarin

Some brief particulars of the treatments are given below:—

Number of Manholes	Number Baited	Number of Complete & Good takes	Number of Small takes	Number of No takes	Number of Manholes not baited
833	586	74	12	500	247
881	557	49	15	493	324

Central Council for Health Education

An annual contribution is made to the Central Council for Health Education whereby the services of this organisation are made available and utilized.

Medical Examination of Council Employees

During the year 73 persons have been medically examined. The examinations were for the purposes of the Council's Superannuation Scheme, applications for Breakdown Pensions and the Council's Sick Scheme.

NATIONAL ASSISTANCE ACT, 1948 to 1962

National Assistance Act 1948 (Amendment) Act, 1962

(*a*) **Removal to suitable premises (Section 47)**
No action was taken by the Council under this provision of the Act, during the year.

(*b*) **Burial of the Dead (Section 47)**
Assistance was rendered under this section to one family during the year under review.

(*c*) **Homeless Families—Intermediate Accommodation**

NATIONAL ASSISTANCE ACT, 1948—SECTION 21 (1) (b)
The above Act places a duty upon the County Council to provide temporary accommodation for persons in urgent need thereof.
The County Council have approved proposals for the discharge of the above responsibility by securing the right to use certain premises in all areas of the County, to provide accommodation for persons rendered homeless.
Accommodation has also been established by the County Council at Rhoose Camp for families who, in the main, have been rendered homeless by eviction from their homes.
In addition to the above the County Council have approved a scheme for affording financial assistance towards the provision of "Intermediate Accommodation" by Housing Authorities, and contributes to the cost of the scheme.
Since 1964 there is provided at the Old Isolation Hospital, Llanwonno Road, Mountain Ash four units for use as intermediate accommodation. The scheme is administered through a Joint Committee of the three Councils viz:- Aberdare, Mountain Ash and Pontypridd whose functions are:—

(i) To select tenants to occupy the accommodation from "Homeless Family" cases presented to them by the Medical Officers of Health for the three Councils.
(ii) To review, in the light of Reports by the said Medical Officers of Health, the progress of any "Problem Families" so accommodated, towards rehabilitation.
(iii) To decide when tenancies shall be terminated, subject however to a maximum period in all cases, of six months.
(iv) To commend to the Council from whose District any tenant is admitted to the accommodation any such tenant considered worthy of normal rehousing in the District concerned, whether as a result of rehabilitation or otherwise.

The term "Homeless Family" includes not only "Problem Families" from Council owned and private accommodation in the three districts, but also those rendered homeless for any other cause and for whom no other normal housing accommodation is immediately available.
The main advantage of providing "Intermediate Accommodation" is that the whole family is kept intact, as opposed to Rhoose Camp, where only the mother and children are accommodated.
In 1966 six complete families were temporarily housed within the scheme and were granted the tenancy of Council houses at the end of the six months maximum period.

Old People's Welfare

As in previous years the Council has continued to provide tickets for a one weeks stay at "The Rest" Porthcawl. This year 42 tickets were distributed through the 14 Old Age Pensioners Branches in the area, on the understanding that all old people resident in the area were eligible for a ticket.

A sum of £270 was distributed to the 14 Branches in the area in connection with Old People's Week. This was to enable branches to provide a function to which all old people could be invited.

Meals on Wheels Service

The capacity of the service was increased on the 3rd January and provided for the delivery of two hot meals to 360 Old People. During the year 32,070 meals were delivered.

A survey of all recipients was carried ou tin November to establish whether or not an increase to 3 meals per week would be welcome. As the result was over two thirds in favour it is hoped to increase the service once more at the beginning of next year.

GENERAL HEALTH AND WELFARE SERVICES OF THE DISTRICT

1. Services provided by the Glamorgan County Council

(*a*) Maternity and Child Welfare, Midwifery, Home Nursing, Home Help, Chiropody, Old People's Clinic, Distribution of Welfare Foods, Issuing of Sick Room Requisites, School Medical and Health Visiting.
These services are administered by the Divisional Medical Officer.
Headquarters: Divisional Health Office, New Clinic Buildings, Rock Grounds, Aberdare. Tel. No. Aberdare 2497/8.

(*b*) **Mental Health Service**
The duly authorised officers for this area are:—
Mr. David Davies, 12 New Street, Tonna, Neath.
Miss Ann B. Thomas, 4 Cledwyn Terrace, Trecynon, Aberdare.

(*c*) **Ambulance Service**
The Ambulance Station for this area is situated at:—
Hawthorn, Rhydyfelin, Pontypridd, Glam. Tel. No. Pontypridd 2522.

(*d*) **Welfare Service**
Officers of the Welfare Service are available to offer advice and assistance to those in need of hostel accommodation, the blind and the handicapped.
The local office for this area is at:—
Area Office: Llewellyn Street, Trecynon, Aberdare, Glam.
Tel. No.: Aberdare 3018.

(*e*) **Children's Department**
The office of the Children's Department of the County Council is at Greyfriars Road, Cardiff. Tel. No.: Cardiff 28033.
There is, however working in this district, a Children's Visitor:—
Miss A. Colly-Priest, *c/o* Children's Department, Courthouse St., Pontypridd
Tel. No.: Pontypridd 2275.

(*f*) **Registration of Births, Deaths and Marriages**
This area comes under the Pontypridd District and the Superintendent's Office is at Courthouse Street, Pontypridd, Glam. Tel. No.: Pontypridd 3122.
The local Registrar is Mr. Dilwyn Jones, Registrar's Office, 21 Cardiff Street, Aberdare. Tel. No.: Aberdare 2008

Probation Officers
The address of the Principal Probation Officer is at St. Catherine's Chamber, Mill Street, Pontypridd, Glam. Tel. No.: Pontypridd 2157.

For this area the Probation Officers are:—
Mr. CHARLES JENKINS and Miss E. PARKER, Probation Officers Office,
21 Cardiff Street, Aberdare. Tel. No.: Aberdare 2901.

The Youth Employment Officer for this area is Mr. W. V. McCARTHY,
Youth Employment Bureau, Wind Street, Aberdare, Glam.
Tel. No.: Aberdare 2795.

2. **Hospital Services provided by the Welsh Regional Hospital Board**
Hospital facilities for this area are administered by the Merthyr and Aberdare Hospital Management Committee. The office of this Committee is at St. Tydfil's Hospital, Merthyr Tydfil, Glam. Tel. No.: Merthyr 3401.
The following is a list of the hospitals and clinics used by the residents of the area:
Aberdare General Hospital, Abernant, Glam.
Tel. No.: Aberdare 2411.
Fedw Hir Convalescent Hospital, Llwydcoed, Aberdare, Glam.
Tel. No.: Aberdare 2612.
Mountain Ash General Hospital, Caegarw, Mountain Ash, Glam.
Tel. No.: Mountain Ash 2212.
Mardy Isolation Hospital, Merthyr Tydfil, Glam. (*For Infectious Diseases*)
Tel. No.: Merthyr 3581.
Pontsarn Chest Hospital, Merthyr Tydfil, Glam.
Tel. No.: Merthyr 2278.
St. Tydfil's Hospital, Merthyr Tydfil, Glam.
Tel. No.: Merthyr 3401.

Merthyr General Hospital, Merthyr Tydfil, Glam.
Tel. No.: Merthyr 3651.

Chest Clinic at Aberdare General Hospital, Abernant, Aberdare, Glam.
Tel. No.: Aberdare 2411.

(*This clinic is available on Monday and Thursday mornings*)

3. **Services provided by Government Departments**

(*a*) Ministry of Central Social Security (Wales)
Central Office (Wales), Government Buildings,
St. Agnes Road, Gabalfa, Cardiff.
Tel. No.: Cardiff 62131.

(*b*) **Pneumoconiosis Medical Panel**
The office is situated at the
East Entrance, Prudential Building,
Cathays Park, Cardiff.
Tel. No.: Cardiff 26161.

(*c*) **National Assistance Board**
The Local Office for this district is at
Glanynys, Cwmbach Road, Aberdare, Glam.
Tel. No.: Aberdare 2343.

(*d*) **Ministry of Labour and National Service**
Employment Exchange, Monk Street, Aberdare, Glam.
Tel. No.: Aberdare 2383.

4. **General Practitioner Service**
This service is provided by the
Glamorgan Executive Council,
(National Health Council), Churchill House Churchill Way, Cardiff.
Tel. No.: Cardiff 26216.

HOUSING STATISTICS

Below are details of habitable dwelling-houses in the area at the 31st of December 1966.

Pre-War private houses in the area	10,111
Pre-War local authority houses in the area	576
Pre-War local authority miscellaneous houses in the area	92
	10,779
Post-War private and Police houses in the area	904
Post-War local authority houses in the area	2,105
	13,788

During the Post-War period to the 31st December, 1966, 463 dwelling houses were demolished and 113 closed as unfit for human habitation—576 houses (72 during 1966).

The number of houses on the Council's Estates are as follows:—

District	Pre 1939 War dwellings	Post 1939	Totals
Trewaun	18	—	18
Trenant	132	—	132
Trefelin	140	—	140
Treneol	72	—	72
Penywaun	24	856	880
Llwydcoed	106	94	200
Abernant	40	—	40
Cwmbach	44	535	579
Ty Fry	—	120	120
Miscellaneous	92	—	92
Cwmdare (Maesgwyn)	—	196	196
Aberaman	—	40	40
Hirwaun	—	192	192
Aberdare (Heol-y-Mynydd) ..	—	72	72
TOTALS	668	2,033	2,773

Types of Dwellings with Number of Bedrooms

TYPE	Bedrooms	No. of dwellings
B.I.S.F. Steel Dwellings	3	96
Aluminium Prefabricated Bungalows	2	83
Traditional Houses	4	44
Traditional Houses	3	1,650
Traditional Houses	2	59
Flats	3	96
Flats	2	440
Flats	1	176
Bungalows	1	18
Bed-sitters	–	19
		2,681
Miscellaneous		92
TOTAL		2,773

Allocation of Council Houses

Below you will find a table of 491 applicants (divided into Tenants and Sub-Tenants) for Council houses at the 31st December, 1966.

Ward	With 3 or more children	With 2 children	With 1 child over ten	With 1 child under ten	With no children	Totals	T.B.
			TENANTS				
1	9	12	14	14	24	73	—
2	1	5	3	1	16	26	—
3	6	6	9	1	13	35	1
4	7	7	8	3	25	50	1
5	9	11	14	3	16	53	2
Tots.	32	41	48	22	94	237	4
			SUB-TENANTS				
1	4	6	6	19	32	67	1
2	1	1	—	7	12	21	—
3	2	3	2	5	14	26	—
4	2	6	4	16	13	41	1
5	1	9	3	10	18	41	2
Tots.	10	25	15	57	89	196	4

Tenants	237
Sub-Tenants	196
TOTAL	433
Applicants from outside A.U.D.C. Area	58
TOTAL APPLICATIONS	491

HOUSING REPAIRS

I have to report similar to past years that housing repairs during the year have not been without their unsolved problems of getting landlords to undertake repairs. Continued efforts by the Public Health Inspectors to improve the conditions of the older properties have resulted in a substantial number of houses being attended to, although it has been necessaary to resort to formal action in some cases.

The high cost of labour and materials continues to make the task of enforcing housing repairs, especially in the case of the lower rented properties, a most difficult one to deal with.

1. **Inspection of Dwelling-houses during 1966**

(*a*)	Total number of dwellinghouses inspected for housing defects under the Housing Act and Public Health Act.	565
(*b*)	Number of Inspections made for the purpose.	1,427
(*c*)	Number of dwellinghouses (exclusive of those referred to under the preceding sub-head.) found not to be in all respects reasonably fit for human habitation.	75

2. **Remedy of defects during the year without service of formal notices.** 65

3. **Action under Statutory Powers during the year**

(1) PROCEEDINGS UNDER SECTION 9, HOUSING ACT, 1957

(*a*)	Number of dwelling-houses in respect of which notices were served requiring repairs.	20
(*b*)	Number of dwelling-houses which were rendered fit after service of formal notice.	14
	(i) By Owners	10
	(ii) By Local Authority in default of Owners. ..	4

(2) PROCEEDINGS UNDER THE PUBLIC HEALTH ACT

(*a*)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied. ..	76
(*b*)	Number of dwelling-houses in which defects were remedied after service of formal notices	26
	(i) By Owners	26
	(ii) By Local Authority in default of the owners ..	—

4. **Proceedings under Sections 16 and 17 of the Housing Act, 1957** 75

5. **Proceedings under Section 18 of the Housing Act, 1957** .. —

RENT ACT, 1957

Part 1. Applications for Certificates of Disrepair

(1)	Number of applications for certificates	—
(2)	Number of decisions not to issue certificates	—
(3)	Number of decisions to issue certificates	—
	(i) in respect of some but not all defects	—
	(ii) in respect of all defects	—
(4)	Number of Undertakings given by Landlords under paragraph 5 of the First Schedule	—
(5)	Number of undertakings refused by Local Authority under provision, to paragraph 5 of the First Schedule	—
(6)	Number of Certificates issued	—

Part 2. Application for cancellation of Certificates

(7)	Applications by Landlords to Local Authority for cancellation of certificate of disrepair	—
(8)	Objections by Tenants to cancellation of Certificates ..	—
(9)	Decisions by Local Authority to cancel in spite of Tenant's objection.	—
(10)	Certificates Cancelled by Local Authority	—

Improvement Grants, Housing (Financial Provisions) Act, 1958, and House Purchase and Housing Act, 1959

I have to report that during 1966, applications for improvement grants have been received from 109 applicants. Since January, 1955, £243,601 4s. 4d. has been approved to 1,012 applicants up to 31st December, 1966.

Action on Houses unfit for Human Habitation (Housing Act, 1957)

During 1966	Demolition Orders served	52
	Closing Orders served	23
	Closing Orders served Substituted by demolition orders	4
	Undertakings accepted	—
	Schemes accepted	2

Occupants from One Hundred unfit properties have been re-housed by the Local Authority, during the year.

Public Health Act, 1936—Section 266 Moveable Dwellings

The two major licensed sites within the district continued to improve throughout the year and provides accommodation for 100 caravans.

A further licensed site exists catering for 10 Caravans and capable of further expansion which has at present been restricted because the existing sewage disposal arrangements would not prove adequate.

In spite of the existence of these three sites the sparodic stationing of caravans on unlicensed land where no facilities are available is still proving a continuing problem.

SUMMARY OF WORK DONE BY THE PUBLIC HEALTH INSPECTORS DURING THE YEAR

Number of houses and premises inspected	565
Number of houses and premises re-visited	862
Number of Notices served—preliminary	93
Number of Notices served—statutory	96
Number of houses repaired	105
Closets cleansed or repaired	11
Flush tanks renewed	57
New closets erected to existing buildings	14
Yards paved or repaired	32
Defective house roofs repaired	116
Defective walls repaired	139
Defective chimneys repaired	75
Defective ceilings repaired	71
Defective floors repaired	65
Defective doors repaired or renewed	45
Defective windows repaired or renewed	124
Defective fireplaces repaired or renewed	38
Defective ovens renewed	29
New Eaves, Gutters and downpipes fixed	113
Accumulation of refuse removed	86
Other nuisances abated	280
Number of milk samples taken for examination	130
Number of water samples taken for bacteriological examination	317
Number of water samples taken for chemical examination	317
Number of verminous houses inspected	1
Number of samples taken for food and drugs examination	206
Number of infectious disease cases investigated	21

Disinfection

Number of houses fumigated after infectious diseases	21
Number of articles disinfected	94
Number of articles destroyed	—

Drain Testing

Number of drains tested	324
Number of drains found defective	164
Number of drains relaid	51
Number of drains cleansed or repaired	113
Number of drains connected to sewer	79

Bakehouses

Number on register	8
Number of visits of inspection	126
Number of defects remedied	10

Lodging-Houses

Number on register	1
Number of visits of inspection	18

Dairies and Milkshops

Number on register	14
Number of visits of Inspection	134
Number of defects remedied	7

Annual Report of the Medical Officer of Health in respect of the year 1966 for the Urban District Council of Aberdare in the County of Glamorgan

Prescribed Particulars on the Administration of the Factories Act, 1961

Part I of the Act

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of Inspec'ns (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	8	40	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	105	233	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	—	—	—	—
TOTAL ..	113	273	—	—

2.—Cases in which DEFECTS were found—

(If defects are discovered at the premises on two, three or more seperate occasions they should be reckoned as two, three or more "cases")

Particulars (1)	Number of cases in which defects were found: Found (2)	Remedied (3)	Referred: To H.M. Inspector (4)	Referred: By H.M. Inspector (5)	Number of cases in which prosecutions were instituted (6)
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ..	—	—	—	—	—
Inadequate ventilation (S.4) ..	—	—	—	—	—

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Ineffective drainage of floors (S.6) ..	—	—	—	—	—
Sanitary Conveniences (S.7)— (a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective..	—	—	—	—	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL ..	—	—	—	—	—

J. LLEWELLYN WILLIAMS,
M.R.C.S., L.R.C.P., D.P.H. (London)
Medical Officer of Health